

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Coachman Energy Operating Company LLC
Well Name	SKOLOUT 1-35-1-35
Doc ID	1358109

All Electric Logs Run

Gamma Ray / Caliper
Dual Induction
Dual Comp Porosity
Microsensitivity

Form	ACO1 - Well Completion
Operator	Coachman Energy Operating Company LLC
Well Name	SKOLOUT 1-35-1-35
Doc ID	1358109

Tops

Name	Top	Datum
Top Anhydrite	3057	168
Base Anhydrite	3092	133
Neva	3576	-351
Red Eagle	3650	-425
Foraker	3692	-467
Admire	3746	-521
Wabunsee	3767	-542
Howard Stotler	3862	-637
Topeka	3902	-677
Deer Creek	3971	-746
Oread	4032	-807
Douglas Sand	4089	-864
Lansing	4129	-904
Lansing B	4184	-959
Lansing C	4235	-1010
Lansing D	4270	-1045
Lansing E	4300	-1075
Lansing F	4344	-1119
BKC	4410	-1185



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64029

DST#: 1

ATTN: Bruce Ard

Test Start: 2017.06.05 @ 20:00:00

GENERAL INFORMATION:

Formation: **LKC " A "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:35:30

Time Test Ended: 05:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 4111.00 ft (KB) To 4147.00 ft (KB) (TVD)

Reference Elevations: 3225.00 ft (KB)

Total Depth: 4147.00 ft (KB) (TVD)

3216.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 27.52 psig @ 4114.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.05

End Date:

2017.06.06

Last Calib.:

2017.06.06

Start Time: 20:00:01

End Time:

05:22:00

Time On Btm:

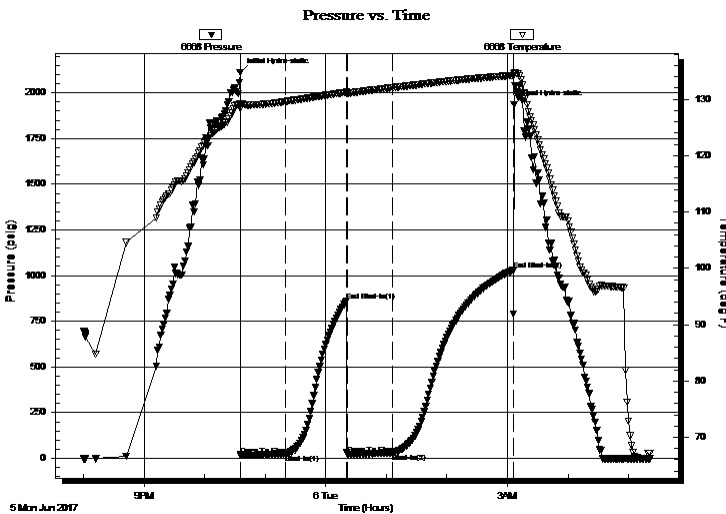
2017.06.05 @ 22:35:00

Time Off Btm:

2017.06.06 @ 03:06:30

TEST COMMENT: 45-IFP- Surface Blow Building to 3in.
60-ISIP- No Blow
45-FFP- Surface Blow in 4 1/2min. Building to 1 1/4in.
120-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.54	129.21	Initial Hydro-static
1	18.58	128.36	Open To Flow (1)
46	22.97	129.61	Shut-In(1)
106	862.81	131.24	End Shut-In(1)
107	23.09	131.00	Open To Flow (2)
151	27.52	132.03	Shut-In(2)
271	1028.95	134.22	End Shut-In(2)
272	1935.28	134.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	OCM 45% o 55% m	0.43
5.00	CO 100%	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64029

DST#: 1

ATTN: Bruce Ard

Test Start: 2017.06.05 @ 20:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	OCM 45%o 55%m	0.435
5.00	CO 100%	0.070

Total Length: 36.00 ft Total Volume: 0.505 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

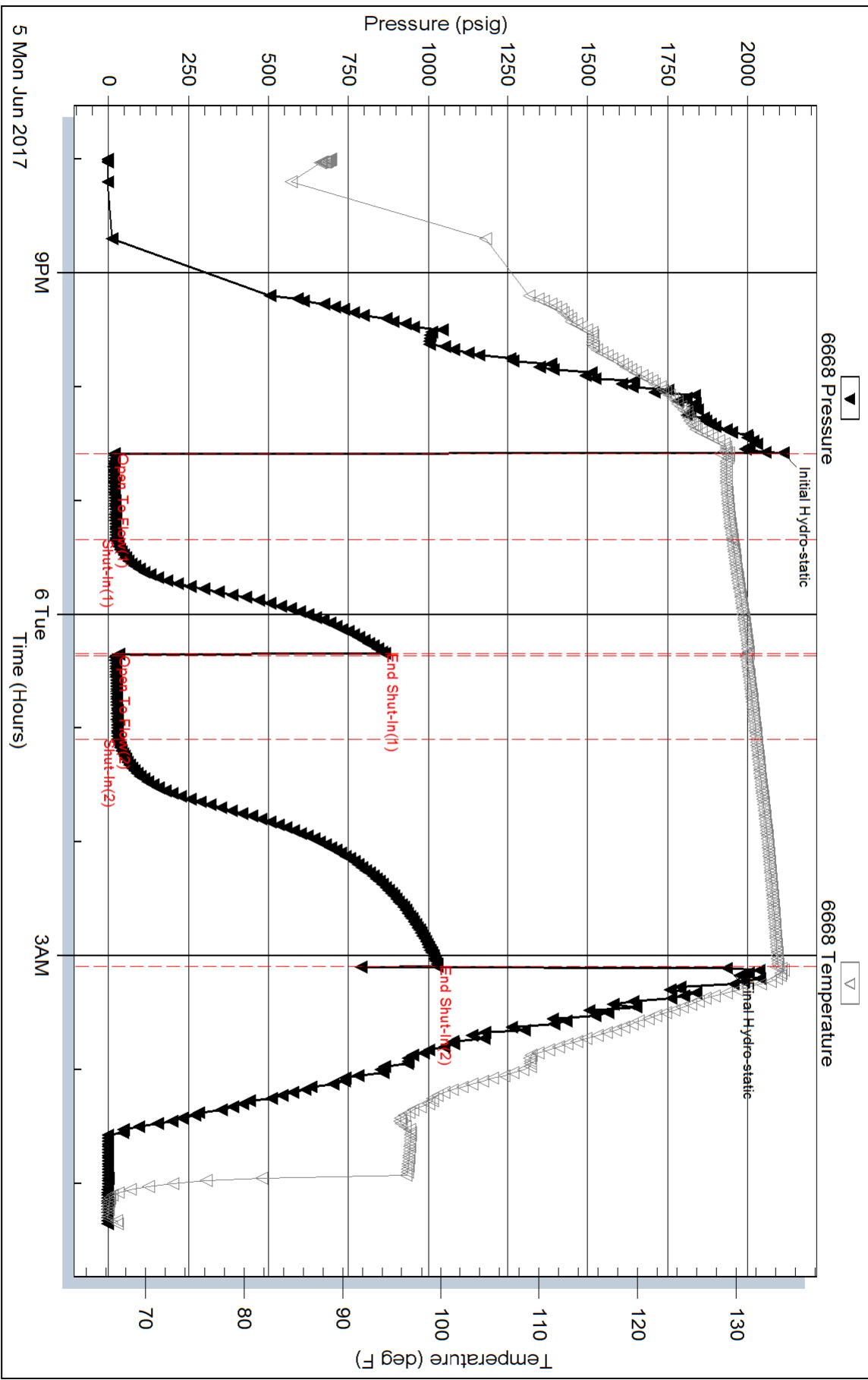
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64030

DST#: 2

ATTN: Bruce Ard

Test Start: 2017.06.06 @ 15:37:00

GENERAL INFORMATION:

Formation: **Lan " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:07:00

Time Test Ended: 00:50:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4188.00 ft (KB) To 4196.00 ft (KB) (TVD)

Reference Elevations: 3225.00 ft (KB)

Total Depth: 4196.00 ft (KB) (TVD)

3216.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8372 Outside

Press@RunDepth: 467.98 psig @ 4189.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.06

End Date:

2017.06.07

Last Calib.:

2017.06.07

Start Time: 15:37:01

End Time:

00:49:30

Time On Btm:

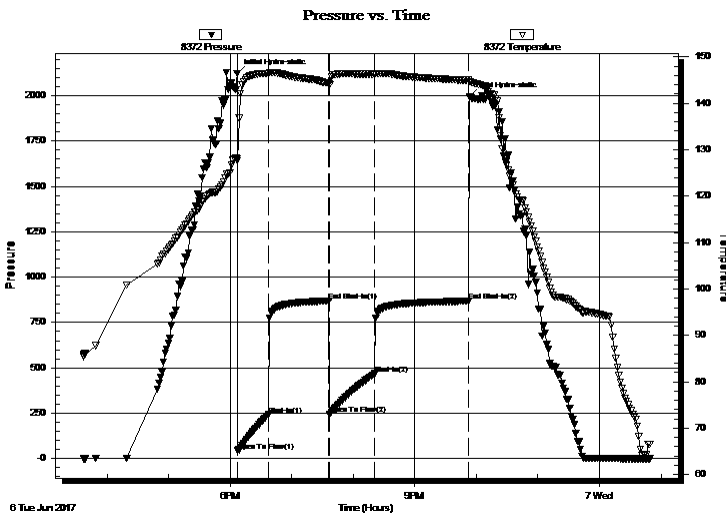
2017.06.06 @ 18:06:30

Time Off Btm:

2017.06.06 @ 21:53:00

TEST COMMENT: 30-IFP- BOB in 6 1/2min.
60-ISIP- Weak Surface Blow in 20min. Dead in 28min.
45-FFP- BOB in 9min.
90-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.41	128.02	Initial Hydro-static
1	42.27	127.54	Open To Flow (1)
31	241.14	146.39	Shut-In(1)
90	868.73	144.29	End Shut-In(1)
91	245.53	144.00	Open To Flow (2)
135	467.98	146.22	Shut-In(2)
226	866.54	144.97	End Shut-In(2)
227	1994.08	144.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
878.00	MCW 5% m 95% w	12.32
125.00	MCW 20% m 80% w Show of Oil	1.75
0.00	30' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64030

DST#: 2

ATTN: Bruce Ard

Test Start: 2017.06.06 @ 15:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

70000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
878.00	MCW 5%m 95%w	12.316
125.00	MCW 20%m 80%w Show of Oil	1.753
0.00	30' GIP	0.000

Total Length: 1003.00 ft Total Volume: 14.069 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .127 @ 62

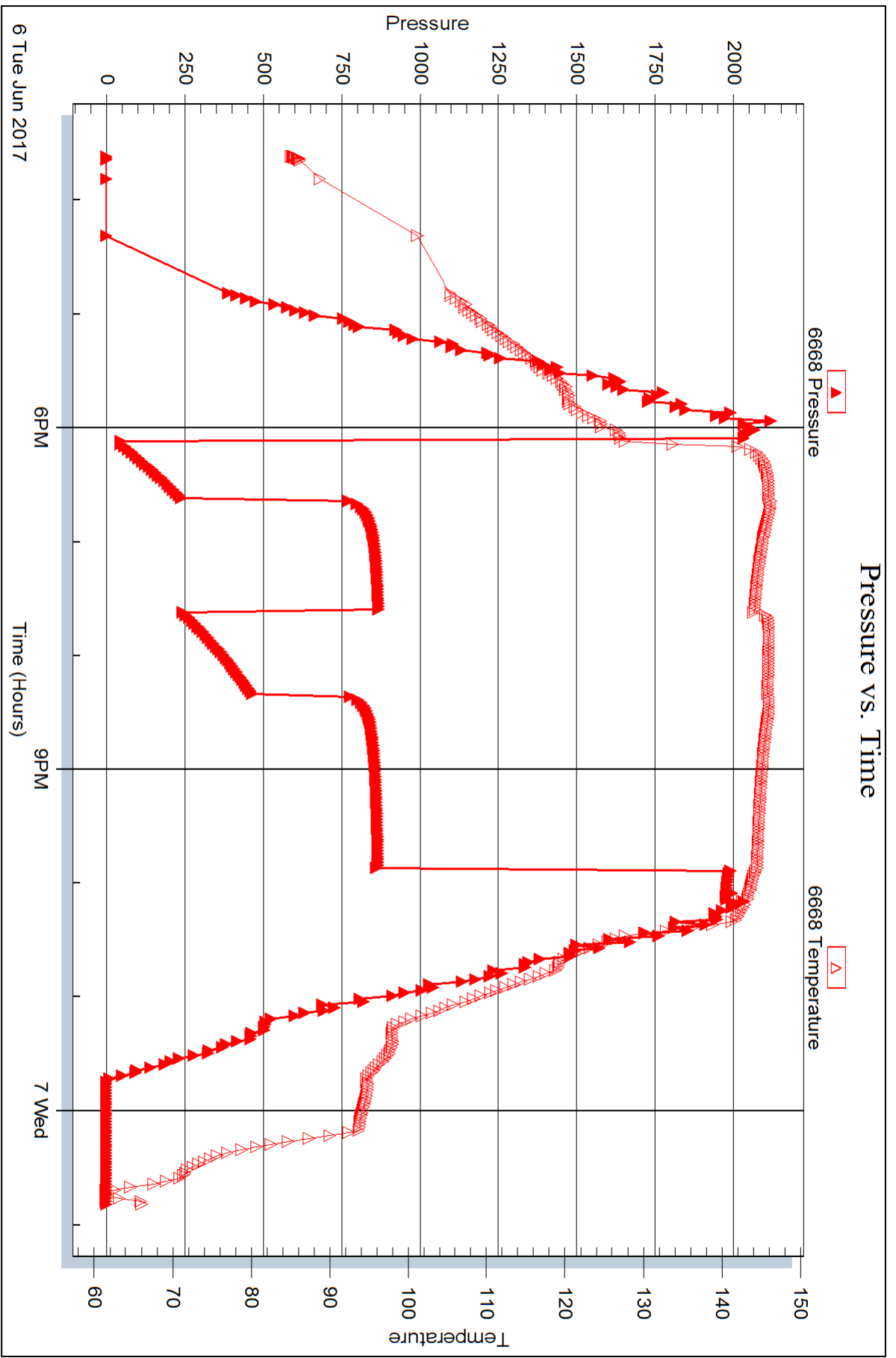
Serial #: 6668

Inside

Coachman Energy Oper Co LLC

Skolout 1 35 1 35

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64031

DST#: 3

ATTN: Bruce Ard

Test Start: 2017.06.07 @ 18:30:00

GENERAL INFORMATION:

Formation: **Lan " C & D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:04:30

Time Test Ended: 04:10:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4212.00 ft (KB) To 4293.00 ft (KB) (TVD)

Reference Elevations: 3225.00 ft (KB)

Total Depth: 4293.00 ft (KB) (TVD)

3216.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8372 Outside

Press@RunDepth: 73.44 psig @ 4223.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.07 End Date: 2017.06.08

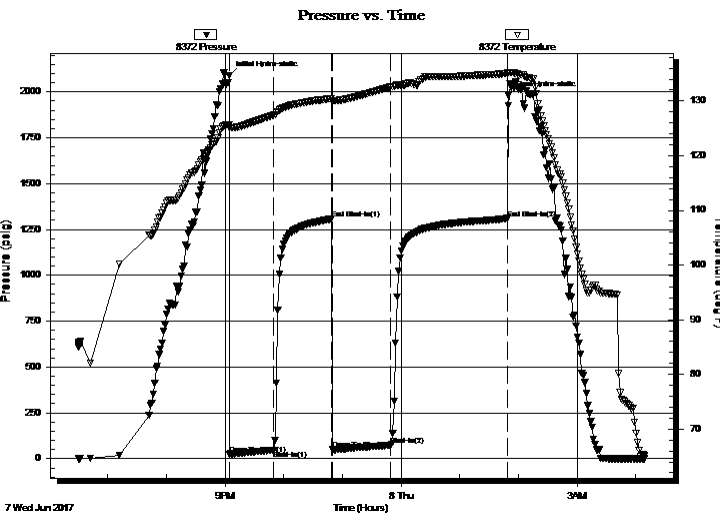
Last Calib.: 2017.06.08

Start Time: 18:30:01 End Time: 04:09:18

Time On Btm: 2017.06.07 @ 21:04:00

Time Off Btm: 2017.06.08 @ 01:49:30

TEST COMMENT: 45-IFP- Surface Blow Building to 3 1/4in.
60-ISIP- No Blow
60-FFP- Weak Surface Blow in 30min. Building to 1 1/4in.
120-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.50	125.68	Initial Hydro-static
1	25.28	125.13	Open To Flow (1)
46	46.34	127.41	Shut-In(1)
105	1308.28	130.44	End Shut-In(1)
106	49.96	129.80	Open To Flow (2)
166	73.44	132.57	Shut-In(2)
285	1309.79	134.99	End Shut-In(2)
286	1981.77	135.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
102.00	Oil Speck Mud 3%o 97%m	1.43

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64031

DST#: 3

ATTN: Bruce Ard

Test Start: 2017.06.07 @ 18:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 75.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 4.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
102.00	Oil Speck Mud 3%o 97%m	1.431

Total Length: 102.00 ft

Total Volume: 1.431 bbl

Num Fluid Samples: 0

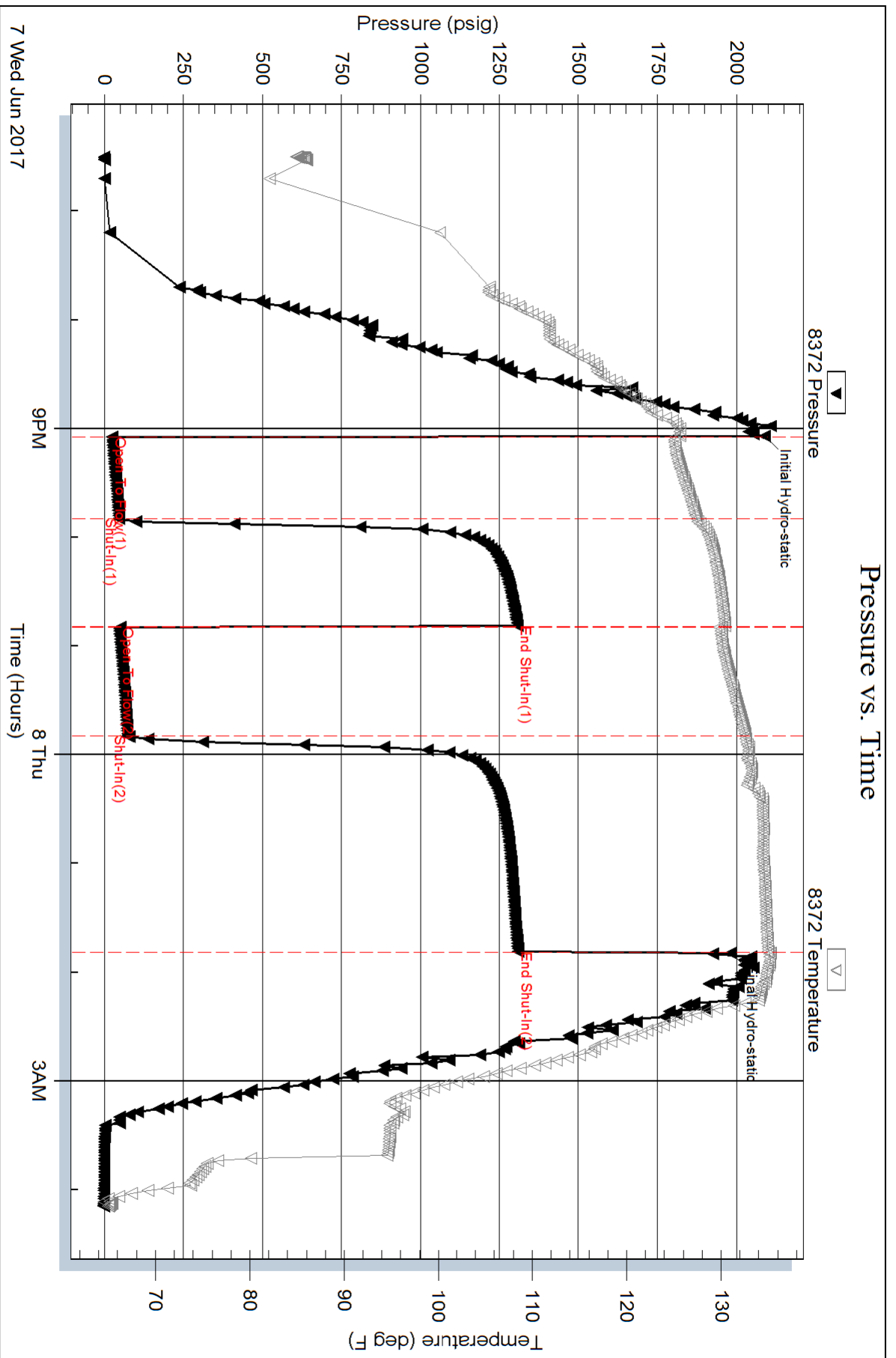
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



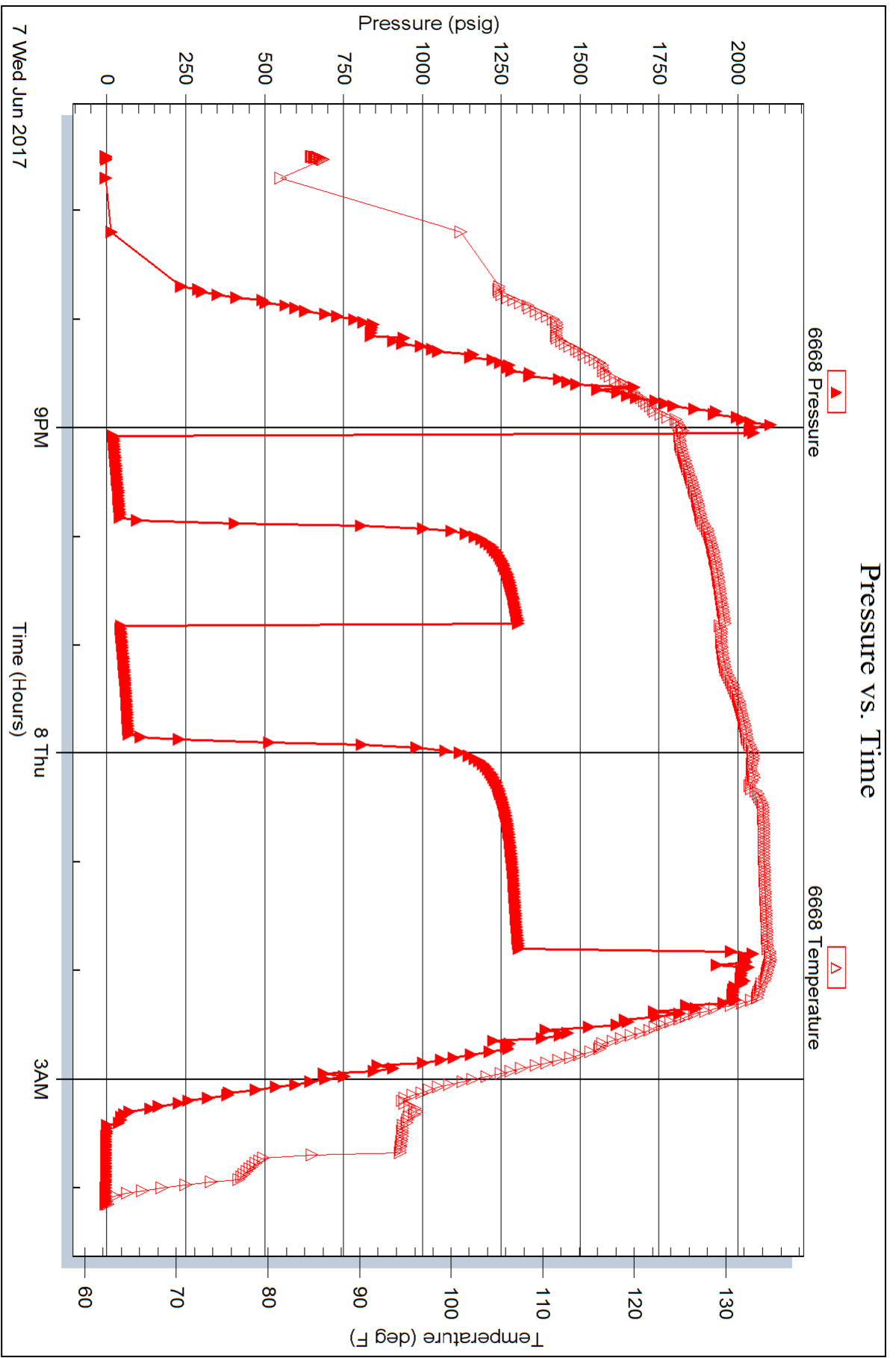
Serial #: 6668

Inside

Coachman Energy Oper Co LLC

Skolout 1 35 1 35

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64032

DST#: 4

ATTN: Bruce Ard

Test Start: 2017.06.08 @ 19:40:00

GENERAL INFORMATION:

Formation: **Lan. E & F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:03:30

Time Test Ended: 04:48:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4290.00 ft (KB) To 4372.00 ft (KB) (TVD)

Total Depth: 4372.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3225.00 ft (KB)

3216.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8372 Outside

Press@RunDepth: 78.79 psig @ 4296.00 ft (KB)

Start Date: 2017.06.08

End Date:

2017.06.09

Start Time: 19:40:01

End Time:

04:48:00

Capacity: 8000.00 psig

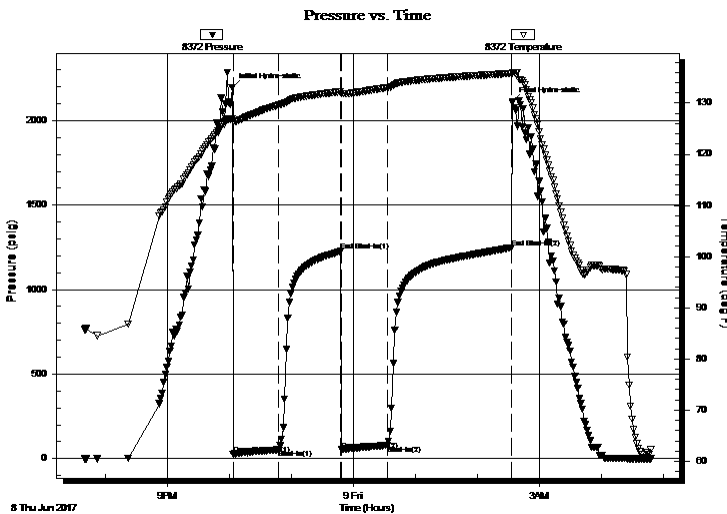
Last Calib.: 2017.06.09

Time On Btm: 2017.06.08 @ 22:02:30

Time Off Btm: 2017.06.09 @ 02:33:30

TEST COMMENT: 45-IFP- BOB in 27min.
60-ISIP- No Blow
45-FFP- BOB in 21min.
120-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.19	126.90	Initial Hydro-static
1	25.23	126.44	Open To Flow (1)
45	52.60	129.59	Shut-In(1)
105	1227.12	132.22	End Shut-In(1)
106	52.16	131.87	Open To Flow (2)
151	78.79	133.03	Shut-In(2)
270	1248.50	135.79	End Shut-In(2)
271	2110.75	135.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCO 40% m 60% o	1.68
35.00	CO 100%	0.49
0.00	90 GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

1725 17th St Ste 410
Denver CO 80202

ATTN: Bruce Ard

35 1s 35w Rawlins KS

Skolout 1 35 1 35

Job Ticket: 64032

DST#: 4

Test Start: 2017.06.08 @ 19:40:00

GENERAL INFORMATION:

Formation: Lan. E & F
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:03:30
Time Test Ended: 04:48:00
Interval: 4290.00 ft (KB) To 4372.00 ft (KB) (TVD)
Total Depth: 4372.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 76
Reference Elevations: 3225.00 ft (KB)
 3216.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6668

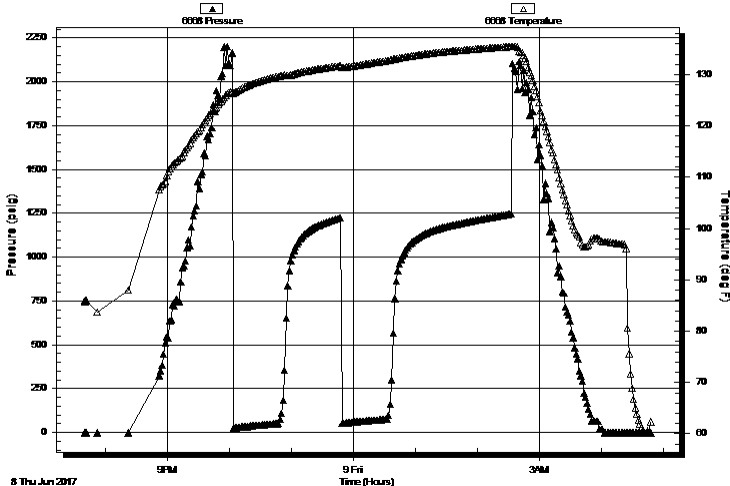
Inside

Press@RunDepth: psig @ 4296.00 ft (KB)
Start Date: 2017.06.08
End Date: 2017.06.09
Start Time: 19:40:01
End Time: 04:48:00

Capacity: 8000.00 psig
Last Calib.: 2017.06.09
Time On Btm:
Time Off Btm:

TEST COMMENT: 45-IFP- BOB in 27min.
 60-ISIP- No Blow
 45-FFP- BOB in 21min.
 120-FSIP- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCO 40% m60% o	1.68
35.00	CO 100%	0.49
0.00	90 GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64032

DST#: 4

ATTN: Bruce Ard

Test Start: 2017.06.08 @ 19:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 4.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	MCO 40% m 60% o	1.683
35.00	CO 100%	0.491
0.00	90 GIP	0.000

Total Length: 155.00 ft Total Volume: 2.174 bbl

Num Fluid Samples: 0

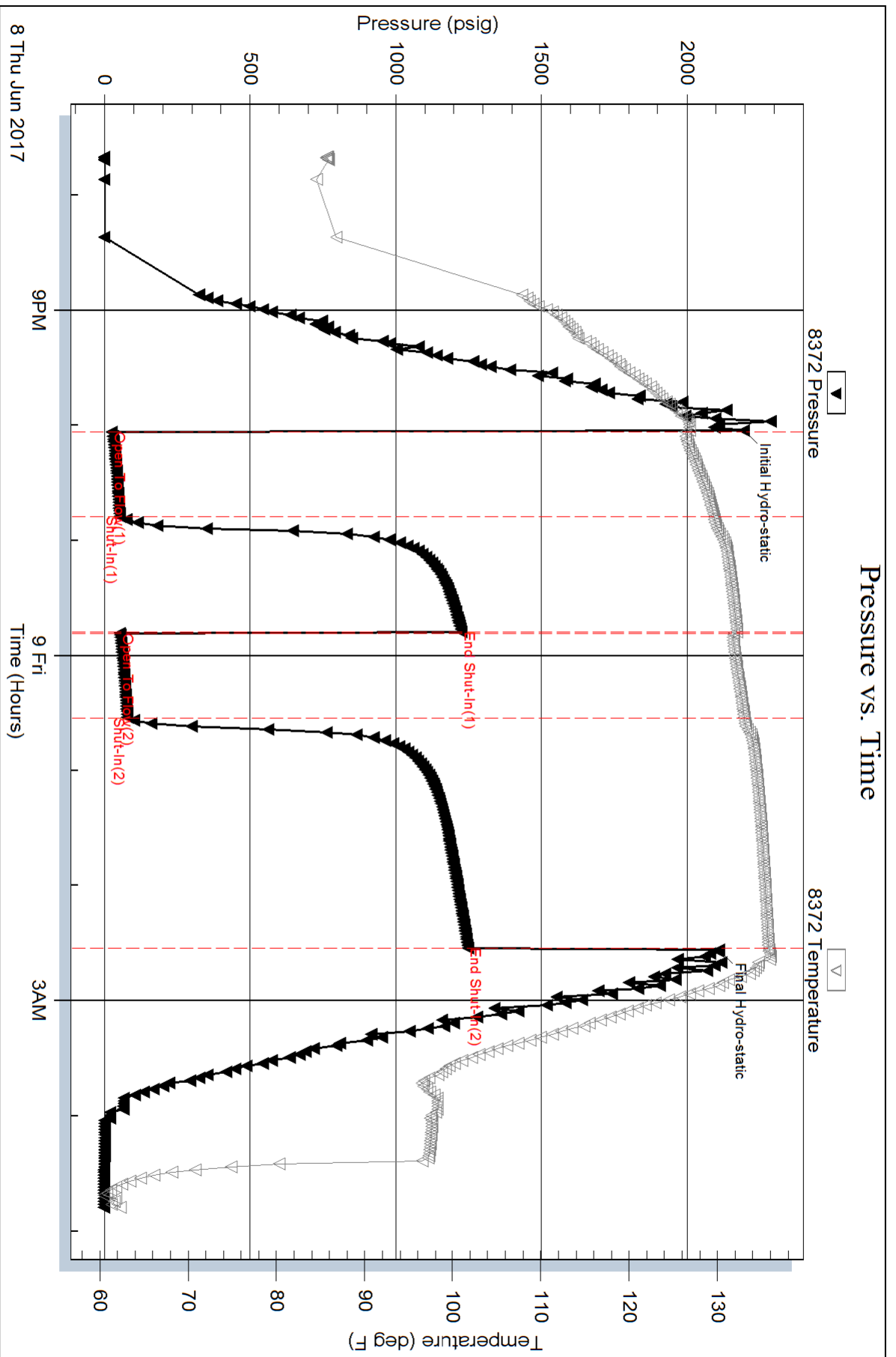
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



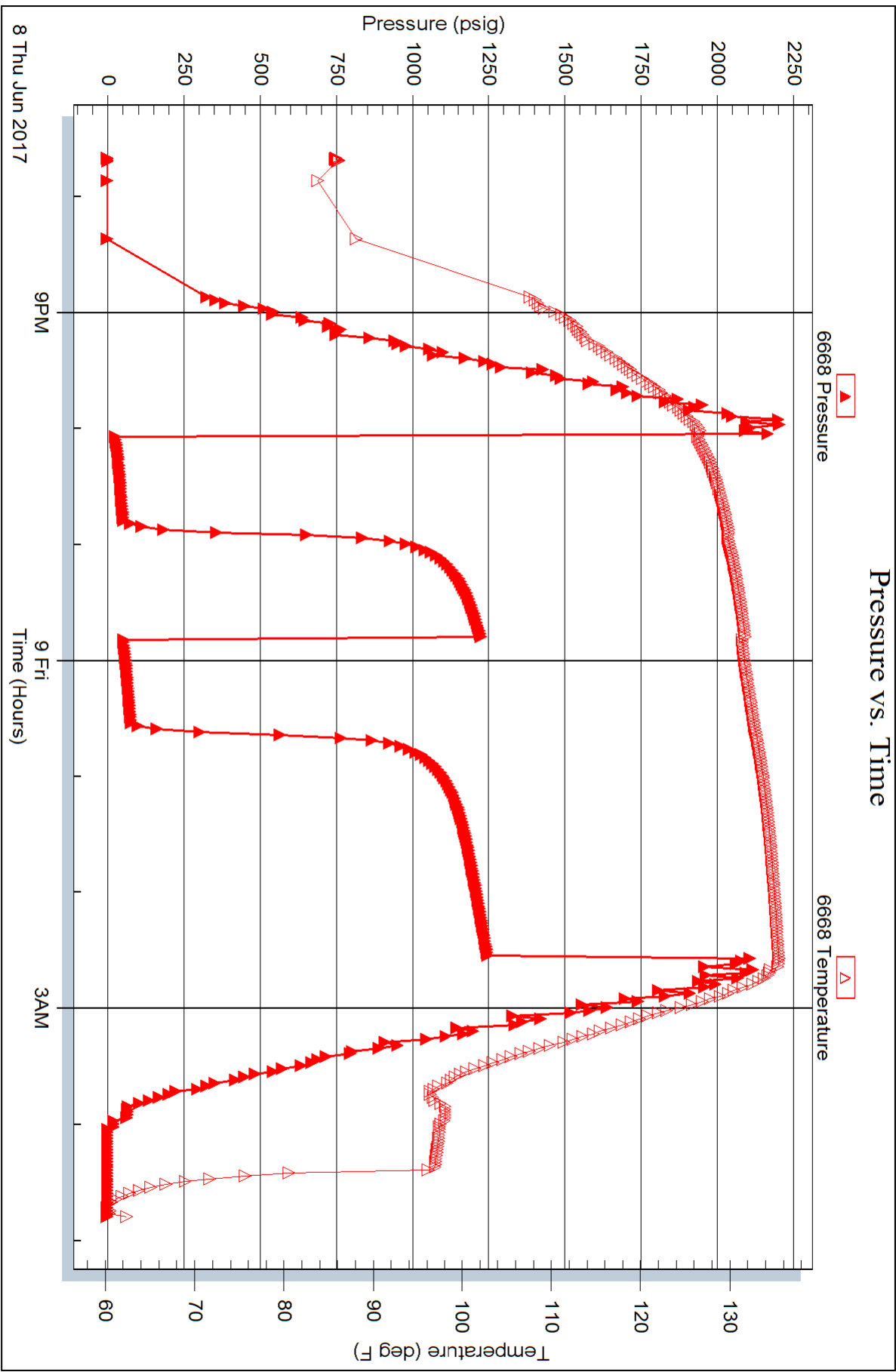
Serial #: 6668

Inside

Coachman Energy Oper Co LLC

Skolout 1 35 1 35

DST Test Number: 4



CYNOSURE ENERGY, LLC

1125 17th Street - Suite 410
Denver, CO 80202 - 2025

Contact: Ben Jackson: 303-931-7368
Pres: Neyeska Mut : 720-476-3678

Kansas Oper Lisc # 353000

Op. Manager : Frank Canepa: 303-476-3678
Drilling Consultant: Justin Hamlin: 620-544-5981

Well Information

Well Name: Skolout 1-35-1-35
Location: Sec. 35 - T01S - R35W
620' FSL & 1415' FEL
NE - SE - SW - SE
County: Rawlins County, Kansas
Field: St John Cemetery
API#: 15-153-21186-00-00

KB Elevation: 3225'
Ground Elevation: 3216'
Spud Date: 05/31/2017
TD Date: 06/09/2017
Rig Total Depth: 4486'
Logger Total Depth: 4486'
Formation: Marmaton

Surface Casing: 295' of 8 5/8" set @ 306' KB

Drilling Fluid Type: Chemical/Fresh Water Gel

Logged By

Ard Consulting Services
Bruce B. Ard

6000 10th Street
Great Bend, KS 67530

Geologist: Bruce B. Ard

KPG# 220

Phone Number: 620-357-1849

Drilling Contractor

Contractor: Duke Drilling
Address: 100 S Main
Wichita, KS 67672
Ph Number : 316-267-1331

Rig #: 4
Rig Phone Number: 620-793-0833
Tool Pusher: Hector Torres
Pushers Number: 620-793-0834

Notes

After review of the Open Hole Logs, DST Results & Geological Log, it was recommended and agreed upon by all interested parties to cease drilling of the Skolout 1-35-1-35 test well to plug and abandon as a dry hole

The drilling samples were requested by the Kansas Geological Survey located in Wichita KS where they were delivered and will be available for review.

Respectfully Submitted, Bruce B. Ard - KPG# 220

Cynosure Energy LLC

DAILY DRILLING REPORT

DATE | 7:00 AM DEPTH

Last 24 Hour Operations

6/3/2017 3225 call @ 3250, drilling, displaced @ 3390, on location @ 3465, set up, drilling ahead, Neva @ 3578 cfs @ 3590

6/4/2017 3712 Red Eagle @ 3639, Foraker @ 3692, cfs @ 3745, Admire @ 3745, Wabaunsee @ 3768, Howard @ 3841, Topeka @ 3904, Deer Creek @ 3972

6/5/2017 4084 cfs @ 4014, Oread @ 4033, Heebner @ 4081, Douglass @ 4094, Lansing @ 4129, cfs @ 4117 samples warrant test, short trip, CTCH, drop survey, strap out for DST #1, make up tool, TIH w/tool testing

6/6/2017 4147 testing, TOH w/tool, break down tool, TIH, CTCH, resume drilling, B zone @ 4186, cfs @ 4196, samples warrant test, TOH for DST #2, make up tool, TIH w/tool, testing, TOH w/tool, break down tool

6/7/2017 4228 TIH, CTCH, resume drilling, C zone @ 4233, cfs @ 4255, D zone @ 4281, cfs @ 4293, samples warrant test, short trip, CTCH, TOH for DST #3, make up tool, TIH w/tool, testing

6/8/2017 4293 testing, TOH w/tool, break down tool, TIH, CTCH, resume drilling, E zone @ 4327, cfs @ 4341 F zone @ 4362, cfs @ 4372, samples warrant test, short trip, CTCH, TOH for DST #4, make up tool TIH w/tool, testing

6/9/2017 4372 testing, TOH w/tool, break down tool, TIH, CTCH, resume drilling, BKC @ 4410, Marmaton @ 4478 cfs & RTD @ 4478, short trip, CTCH, drop survey, TOH for Electrical logs

6/10/2017 4486 TOH for Electrical logs, rig up loggers, logging, rig down loggers, evaluate logs, wait on orders after evaluation of Electrical logs, DST results, and Geological report, it was recommended and agreed upon by all interested parties to cease drilling operations on the Skolout 1-35-1-35 test well to plug and abandon as a dry hole, off location, return to Great Bend Ks office to prepare and complete final Geological Report for distribution

6/11/2017 final Geological Report completed and distributed to all interested parties

Cynosure Energy LLC

WELL COMPARISON SHEET

Formation	DRILLING WELL				COMPARISON WELL				COMPARISON WELL				COMPARISON WELL			
	Cynosure Skolout 1-35-1-35 620' FSL & 1415' FEL Sec. 35 - T01S - R35W 3225 KB				Viking Elliot #2 1155' FSL & 660' FEL Sec. 35 - T01S - R35W 3218 KB				Slawson St. Conrad's Friary A #1 660' FSL & 1980' FEL Sec. 35 - T01S - 35W 3224 KB				Pan American Prochazka #1 660' FNL & 2030' FEL Sec. 02-T02S-R35W 3225 KB			
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	3056	169	3057	168	3052	166	3	2	3061	163	6	5	3068	157	12	11
Base Anhydrite	3099	126	3093	132	3086	132	-6	0	3097	127	-1	5	3104	121	5	11
Neva	3578	-353	3576	-351					3578	-354	1	3	3589	-364	11	13
Red Eagle	3639	-414	3638	-413					3641	-417	3	4	3651	-426	12	13
Foraker	3692	-467	3690	-465	3690	-472	5	7	3695	-471	4	6	3705	-480	13	15
Admire	3745	-520	3747	-522					3746	-522	2	0	3756	-531	11	9
Wabaunsee	3768	-543	3767	-542					3772	-548	5	6	3781	-556	13	14
Stotler/Howard	3841	-616	3840	-615	3837	-619	3	4	3843	-619	3	4	3856	-631	15	16
Topeka	3904	-679	3902	-677	3900	-682	3	5	3906	-682	3	5	3919	-694	15	17
Deer Creek	3972	-747	3970	-745	3966	-748	1	3	3974	-750	3	5	3984	-759	12	14
Oread	4033	-808	4031	-806	4026	-808	0	2	4034	-810	2	4	4046	-821	13	15
Heebner	4081	-856	4080	-855	4075	-857	1	2	4083	-859	3	4	4090	-865	9	10
Douglas sand	4094	-869	4092	-867	4088	-870	1	3	4091	-867	-2	0	4105	-880	11	13
Lansing A zone	4129	-904	4128	-903	4122	-904	0	1	4133	-909	5	6	4144	-919	15	16
B zone	4186	-961	4184	-959	4183	-965	4	6	4188	-964	3	5	4198	-973	12	14
C zone	4233	-1008	4234	-1009	4231	-1013	5	4	4242	-1018	10	9	4252	-1027	19	18
D zone	4281	-1056	4282	-1057	4278	-1060	4	3	4289	-1065	9	8	4296	-1071	15	14
E zone	4327	-1102	4324	-1099	4321	-1103	1	4	4330	-1106	4	7	4338	-1113	11	14
F zone	4362	-1137	4362	-1137	4356	-1138	1	1	4365	-1141	4	4	4374	-1149	12	12
Base Kansas City	4410	-1185	4412	-1187									4421	-1196	11	9
Marmaton	4478	-1253											4491	-1266	13	
Total Depth	4486	-1261	4486	-1261	4409	-1191	-70	-70	4410	-1186	-75	-75	5106	-1881	620	620

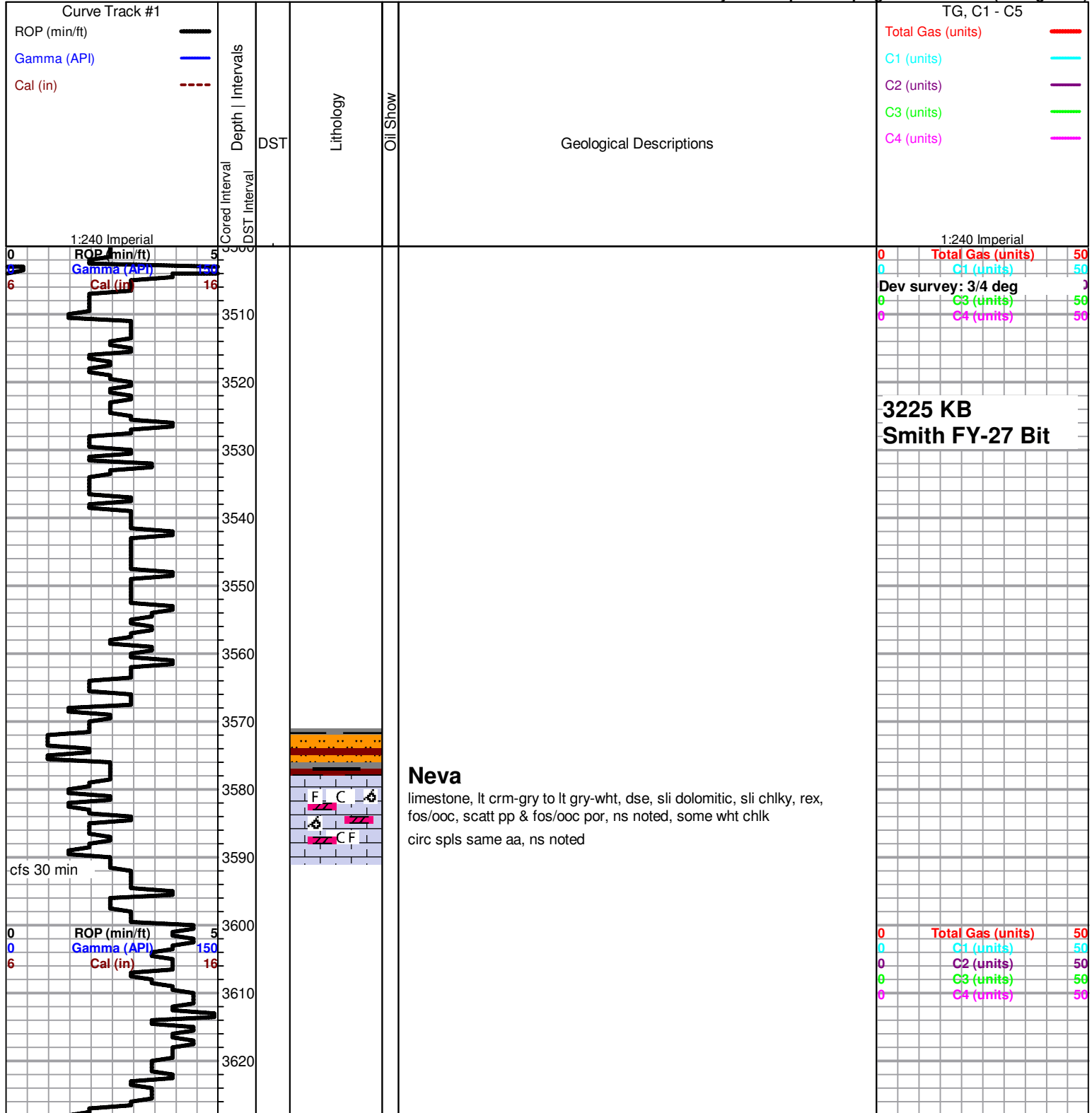
Cynosure Energy LLC

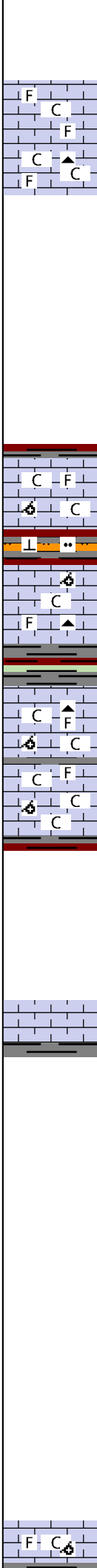
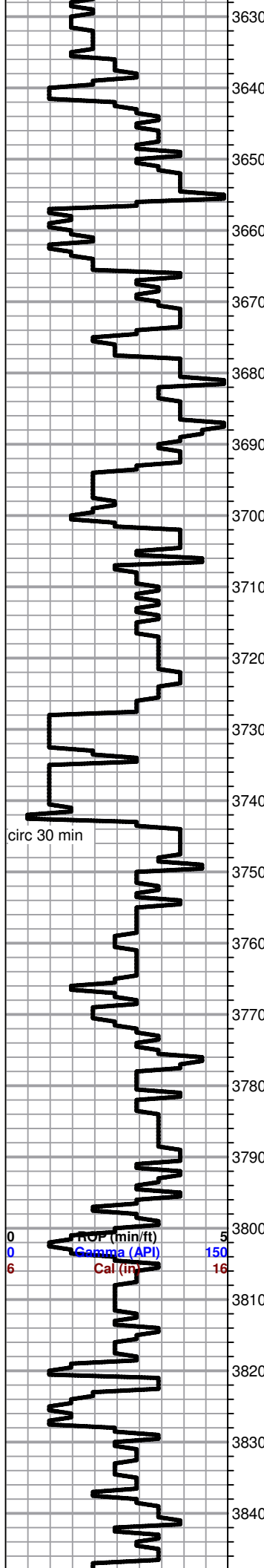
WELL COMPARISON SHEET

Formation	DRILLING WELL				COMPARISON WELL				COMPARISON WELL				COMPARISON WELL			
	Cynosure Skolout 1-35-1-35 620' FSL & 1415' FEL Sec. 35 - T01S - R35W 3225 KB				Viking Prochazka #1 2310' FNL & 660' FEL Sec. 35 - T01S - R35W 3220 KB				Empire Skolout #1 OWWO 1980' FSL & 660' FEL Sec. 35 - T01S - 35W 3218 KB				Richie Frank Prochazka #1 990' FNL & 990' FEL Sec. 02-T02S-R35W 3220 KB			
	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	3056	169	3057	168	3055	165	4	3	3060	158	11	10	3070	150	19	18
Base Anhydrite	3099	126	3093	132	3092	128	-2	4	3096	122	4	10	3105	115	11	17

Neva	3578	-353	3576	-351	3575	-355	2	4	3574	-356	3	5	3596	-376	23	25
Red Eagle	3639	-414	3638	-413	3638	-418	4	5	3639	-421	7	8	3656	-436	22	23
Foraker	3692	-467	3690	-465	3689	-469	2	4	3690	-472	5	7	3714	-494	27	29
Admire	3745	-520	3747	-522	3739	-519	-1	-3	3743	-525	5	3	3765	-545	25	23
Wabaunsee	3768	-543	3767	-542	3766	-546	3	4	3767	-549	6	7	3792	-572	29	30
Stotler/Howard	3841	-616	3840	-615	3858	-638	22	23	3842	-624	8	9	3863	-643	27	28
Topeka	3904	-679	3902	-677	3900	-680	1	3	3905	-687	8	10	3928	-708	29	31
Deer Creek	3972	-747	3970	-745	3966	-746	-1	1	3970	-752	5	7	3991	-771	24	26
Oread	4033	-808	4031	-806	4029	-809	1	3	4032	-814	6	8	4052	-832	24	26
Heebner	4081	-856	4080	-855	4077	-857	1	2	4079	-861	5	6	4099	-879	23	24
Douglas sand	4094	-869	4092	-867	4091	-871	2	4	4093	-875	6	8	4108	-888	19	21
Lansing A zone	4129	-904	4128	-903	4128	-908	4	5	4128	-910	6	7	4151	-931	27	28
B zone	4186	-961	4184	-959	4181	-961	0	2	4190	-972	11	13	4205	-985	24	26
C zone	4233	-1008	4234	-1009	4233	-1013	5	4	4236	-1018	10	9	4259	-1039	31	30
D zone	4281	-1056	4282	-1057	4280	-1060	4	3	4283	-1065	9	8	4305	-1085	29	28
E zone	4327	-1102	4324	-1099	4321	-1101	-1	2	4323	-1105	3	6	4346	-1126	24	27
F zone	4362	-1137	4362	-1137	4357	-1137	0	0	4362	-1144	7	7	4382	-1162	25	25
Base Kansas City	4410	-1185	4412	-1187	4404	-1184	-1	-3	4395	-1177	-8	-10				
Marmaton	4478	-1253			4474	-1254	1									
Total Depth	4486	-1261	4486	-1261	4818	-1598	337	337	4417	-1199	-62	-62	4427	-1207	-54	-54

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Red Eagle

limestone, lt gry to gry-wht, dse, sli chlky, sli rex, sli fos, pscatt por, ns noted

limestone, lt crm-gry, dse, chlky, sli rex to xtaln, sli fos, sli org chert, scatt pp por, ns noted

Foraker

limestone, lt gry to gry-crm, dse, chlky, sli rex, sli fos/ooc, scatt pp & fos/ooc por, wht chlk, ns noted

limestone aa, becoming dse, silty, calc matl, gry to dk gry, dirty, sli fos, pvls por, ns

limestone, lt gry-crm to lt gry-wht, dse, sli chlky, sli rex, fos/ooc, scatt pp & fos/ooc por, wht chlk, trc chert, ns noted

limestone, lt crm-gry to lt gry-wht, dse, chlky, sli xtaln to rex, fos/sli ooc, scatt pp & fos/ooc por, trc chert, ? scatt blk dos, ? trc specks fo

limestone aa, becoming less rex, less fos/ooc, less vis por, incr xtaln, incr wht chlk

Admire

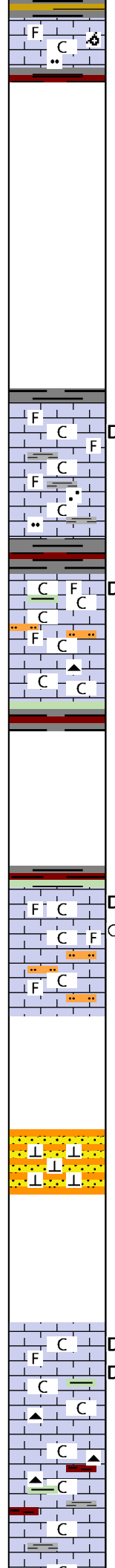
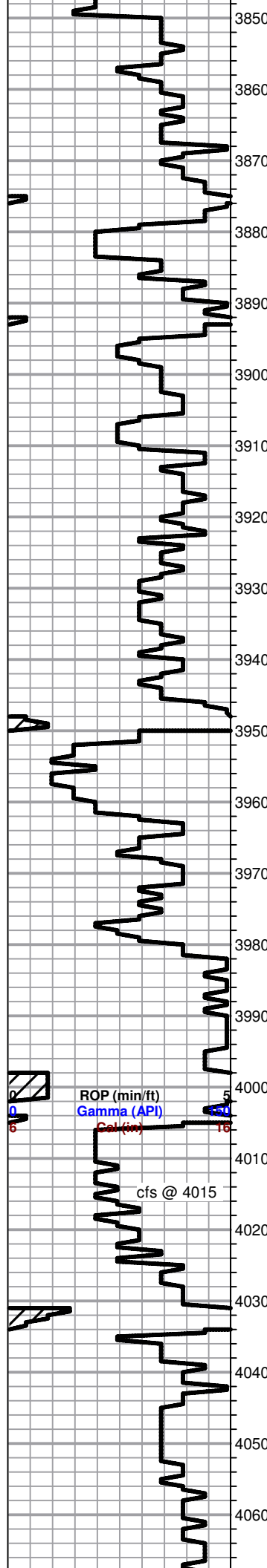
Wabaunsee

limestone, lt crm-gry-wht, dse, chlky, sli xtaln to rex, sli fos, trc chert, scatt pp por, ns noted

Howard

limestone, lt gry-crm, dse, sli chlky, sli rex, fos & sli ooc, scatt fine pp por & fos/ooc por, few scatt blk dos, nsfo noted

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50



limestone aa, less vis por, less rex, less fos/oc, ? trc dos, nsfo noted, some limestone sli silty, dirty, sli incr vcs

Topeka

limestone, lt crm-gry to crm-gry-wht, dse, chlky, rex, fos, scatt pp, fos & sm vuggy por, blk asph stn, trc tarry to rubbery, not mobile, nsfo noted

limestone, lt gry-wht to lt crm-wht, dse, chlky, sli xtaln to rex, sli sdy & silty, few sli scatt fos, pscatt pp & ffos por, ns noted

limestone, lt crm-wht, dse, vchlky, sli rex, sli fos, pscatt por w/blk asph stn, nsfo noted, limestone, lt gry-grn to gry-wht, dse, chlky, xtaln to sli rex, trc fos, vpv is por w/rd silt stng, wht chlk, ns noted

limestone, lt gry to gry-wht, dse, sli chlky, xtaln, trc rex, trc fos, trc salmon chert, vpv is por, ns noted, wht chlk

Deer Creek

limestone, lt gry-crm to crm-gry, dse, chlky, sli rex, sli fos, pscatt pp & fos por, few spls w/scatt blk asph stn, ? blk tarry/hvy specks w/brkn

limestone aa, becoming, dse, chlky, xtaln to sli rex, trc fos, vpv is por, few silty, ns noted

lg influx of yel/crm-gry, vf grained, well rounded quartz sd, very silty, very calc, few brn specks in spls, looks like flakey dead hydrocarbon residue, ns of fo noted w/brkn, no odor, no sheen, leaves no hydrocarbon residue w/dissolved in HCl, only silt & sd left, circ spls same

Oread

limestone, lt gry-crm to gry-wht, vdse, fxtaln, trc rex, trc fos, vp to no vis por, few spls w/blk asph stn, nsfo noted, few spl w/ wht chlk & scatt pp por w/blk asph stn in por, nsfo w/brkn

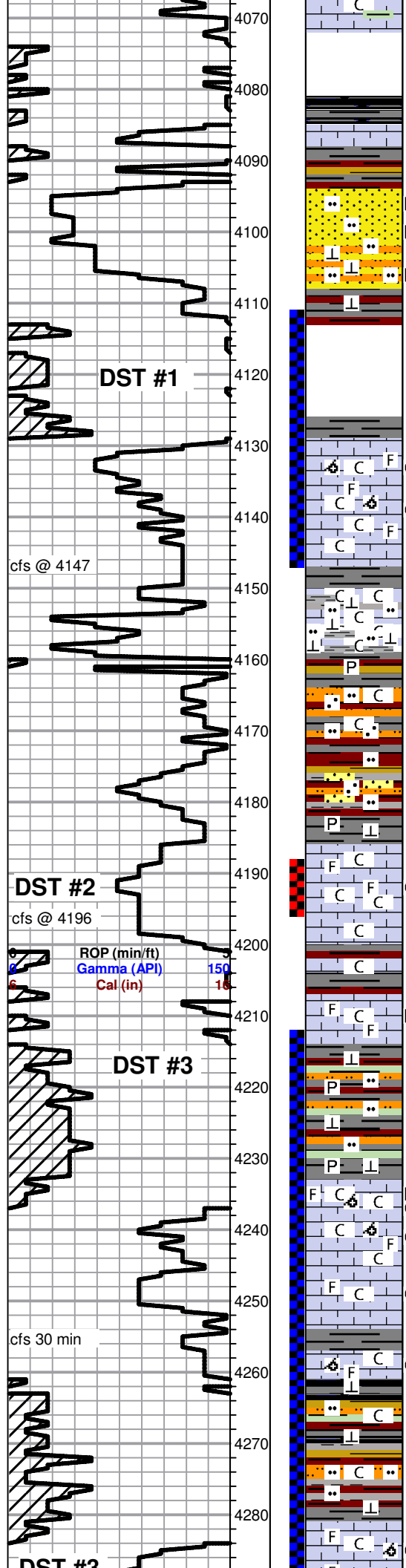
same aa, less shows, incr chlk, sli cherty, beige

limestone aa, ns noted, incr vcs, rd gry, grn

limestone aa, no chert, incr vcs

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

limestone aa, no chert, incr vcs



Heebner

Douglas Sand

sandstone, lt gry, dse to friable, silty, non-calc matrix, fine grained, well rounded clear quartz grains, lg amt blk asph stn, nsfo noted

sd becoming lt gry-grn & dk gry, dse, incr silt content, sli calc in HCl, scatt blk asph stn, nsfo noted

Lansing

limestone, lt crm-gry to gry-orm, dse, sli chlky, rex, fos & ooc, fair pp, fos/ooc & sli vuggy vis por, dk brn stn & fo vis in por & tray, incr gassy fo & odor w/brkn, sheen & oil spots in cup

limestone aa, less % w/shows aa, becoming less rex, less fos/ooc, less vis por, sli sheen in cup, incr chl, shs & silts

circ spls, lt crm-gry-wht, dse, xtaln, trc rex, trc fos, vp to no vis por, ns noted

Resume drilling @ 0900 hrs on 06-06-2017

lg amt lt gry lime aa, becoming incr wht chl, silty/calc, pvvis por

lg influx vcs & soft, chlky, silts, rd & gry, sli sdy, chlky

gry to dk gry, dse, silty, sli sdy strgrs, ? A sdy zone w/abdt rd silts & rd wash

B zone

limestone, lt crm-gry, dse, chlky, rex, fos, scatt pp & sm fos por, lt brn scatt stn & fo vis, sli incr dk brn fo, sli gassy w/brkn, sli sheen

limestone aa, few spls w/better shows, most same to sli less & scatt, sli incr chl, sli less por, sli sheen in cup

Resume drilling @ 0345 hrs on 06-07-2017

aa & vcs

limestone, lt gry-orm-wht, dse, sli chlky, xtaln to sli rex, scatt fos, pscatt por, ns to ? scatt dos

lg influx rd soft silts, vcs, gry, grn, rd, calc, trc pyritic

C zone

limestone, lt gry-orm-wht, dse, chlky, sli rex, sli fos/ooc, pscatt pp & fos por, scatt asph stn & hvy fo specks w/brkn

limestone, lt gry to gry-wht, dse, chlky, sli rex, sli fos/ooc, scatt pp & fos/ooc por, lt brn stn & fo specks vis, sli incr lt brn fo, trc gassy w/brkn, trc sheen in cup

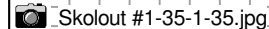
limestone, lt crm-wht, dse, sli chlky, xtaln to trc rex, trc fos, pscatt pp por, trc lt brn stn & fo specks in pp por, sli incr fo w/trc gas w/brkn

limestone, lt gry-orm to crm gry, dse, sli chlky, rex, fos & sm ooc, scatt fpp & fos/ooc por, dk stn & fo specks vis, incr dk brn fo, sli gassy w/brkn, not believed to be float from above, check on e-logs

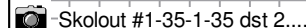
lg influx vcs, rd, gry, grn, calc, silts, soft chlky, dirty, rdish wash

D zone

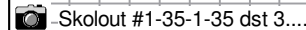
limestone, lt gry-orm to gry-orm, dse, sli chlky, rex, sm fos & fooc, scatt pp & sm fos/fooc por, brn stn & fo vis in por, incr brn fo, sli gassy, ft odor w/brkn, sli sheen in cup



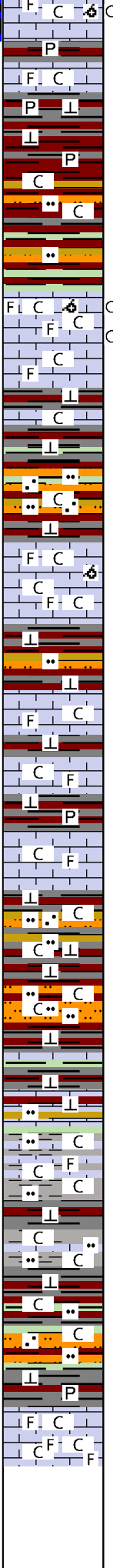
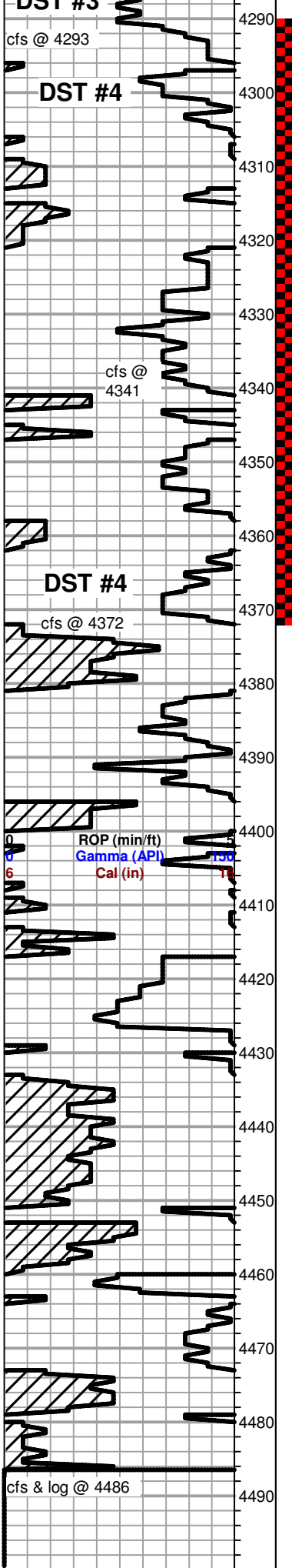
DST #1 4111-4147
Times: 45-60-45-120
IF: built to 3" - no return
FF: built to 1" - no return
Rec: 5 ft CO
31 ft OCM - 45/55%
36 ft Total fluid
IFP: 18-22# ISIP: 862#
FFP: 23-27# FSIP: 1028#
Dev survey: 3/4 deg
Pipe strap: 1.27 ft short



DST #2 4188-4196
Times: 30-60-45-90
IF: BOB 6.5" - surf blow 20 min into - died in 10 min
FF: BOB 9" - no return
Rec: 30 ft Gas in Pipe
125 ft MCW w/show of oil - 20/80%
878 ft MCW - 5/95%
1003 Total fluid
IFP: 42-241# ISIP: 868#
FFP: 245-467# FSIP: 866#



DST #3 4212-4293
Times: 45-60-60-120
IF: built to 3 1/4" - no retrn
FF: built to 1 1/4" after 30 min - no return
Rec: 102 ft OSM = 3/97%
IFP: 25-46# ISIP: 1308#
FFP: 49-73# FSIP: 1309#



0001 w/brkn, sli sheen in cup
 limestone becoming less rex, incr xtaln,
 less fos/oo, less vis por, ns noted

Resume drilling @ 0700 hrs on 06-08-2017

limestone, lt crm, dse, sli chlky, sli rex, sli fos, pvls por, ns noted
 lg influx rd & gry vcs, sli calc, sli pyritic
 lg influx rd silty, chlky, soft, mushy matl, vcs aa, rd, gry, grn ,sli pyr

E zone

limestone, lt crm-gry to gry-crm, dse, chlky, sli rec, sli fos/oo, scatt pp por, brn stn & fo specks vis, incr brn fo, sli gassy w/brkn, sli sheen in cup

limestone, lt gry-crm, dse, sli chlky, rex to xtaln, sli fos, pvls pp por, stn & fo specks vis, sli incr fo, sli gassy w/brkn, sli sheen in cup

lime/lmy strgr aa, incr dk vcs, calc

lg influx silts, soft, mushy, sli sdy, chlky, vcs rd, grn gry

F zone

limestone, lt gry to gry-wht, dse, sli chlky, xtaln to sli rex, sli fos/oo, vpscatt vis por, ns noted

limestone, lt crm-gry-wht, dse, chlky, xtaln to sli rex, trc scatt fos/oo, pvls scatt pp por, ns noted

Resume drilling @ 0815 hrs on 06-09-2017

limestone, lt gry, dse, sli chlky, xtaln to sli rex, sli fos, pvls por, ns

same aa, less xtaln, incr lmy/calc, lt gry matl, pvls por, ns noted

limestone, lt crm-gry, dse, sli chlky, rex, sli xtaln, sli fos, vpscatt pp por, ns noted

Base Kansas City

influx vcs, calc/lmy, few lt gry sdy clstrs, ns, rd & gry chlky, silty mush

vcs, dk calc

lg influx rd, chlky, silty mush

incr vcs, calc/lmy

incr lt crm-gry, dse, calc/lmy/silty matl & vcs aa

same to vchlky/lmy limestone, sli fos, silty, ns noted

vmy/calc sh to vshly, silty lime, incr dk calc vcs

same aa

incr dk calc vcs

rd, gry, grn, vcs, sli silty to chlky

rd soft silt, sli sdy

Marmaton

limestone, lt gry-wht, dse, chlky, xtaln to sli rex, trc fos, vpvls por limestone, lt gry-crm, dse, sli chlky, sli rex, sli fos, pvls por, ns noted

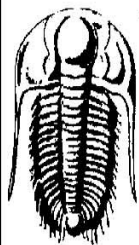
Rotary Total Depth

Skolout #1-35-1-35 dst 4...

DST #4 4290-4372
Times: 45-60-45-120
IF: BOB in 27" - no return
FF: BOB in 21" - no return
Rec: 90 ft Gas in Pipe
35 ft Clean Oil
120 ft Mud Cut Oil
40% mud, 60% oil
155 ft Total fluid
IFP: 25-52# ISIP: 1227#
FFP: 52-78# FSIP: 1248#

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

Dev survey: 3/4 deg



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64029

DST#: 1

ATTN: Bruce Ard

Test Start: 2017.06.05 @ 20:00:00

GENERAL INFORMATION:

Formation: **LKC " A "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:35:30

Time Test Ended: 05:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 4111.00 ft (KB) To 4147.00 ft (KB) (TVD)

Reference Elevations: 3225.00 ft (KB)

Total Depth: 4147.00 ft (KB) (TVD)

3216.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 27.52 psig @ 4114.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.05

End Date: 2017.06.06

Last Calib.: 2017.06.06

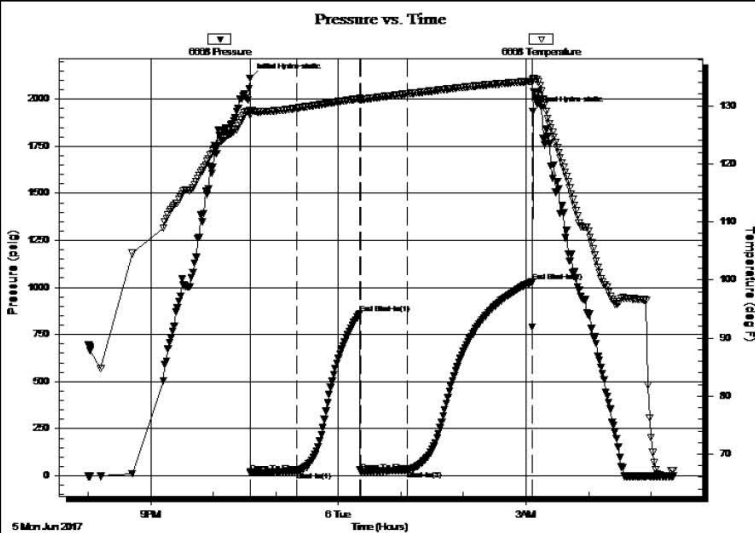
Start Time: 20:00:01

End Time: 05:22:00

Time On Btm: 2017.06.05 @ 22:35:00

Time Off Btm: 2017.06.06 @ 03:06:30

TEST COMMENT: 45-IFP- Surface Blow Building to 3in.
60-ISIP- No Blow
45-FFP- Surface Blow in 4 1/2min. Building to 1 1/4in.
120-FSIP- No Blow



PRESSURE SUMMARY

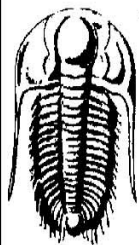
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2111.54	129.21	Initial Hydro-static
1	18.58	128.36	Open To Flow (1)
46	22.97	129.61	Shut-In(1)
106	862.81	131.24	End Shut-In(1)
107	23.09	131.00	Open To Flow (2)
151	27.52	132.03	Shut-In(2)
271	1028.95	134.22	End Shut-In(2)
272	1935.28	134.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	OCM 45%o 55% m	0.43
5.00	OO 100%	0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64030

DST#: 2

ATTN: Bruce Ard

Test Start: 2017.06.06 @ 15:37:00

GENERAL INFORMATION:

Formation: **Lan " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:07:00

Time Test Ended: 00:50:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4188.00 ft (KB) To 4196.00 ft (KB) (TVD)

Reference Elevations: 3225.00 ft (KB)

Total Depth: 4196.00 ft (KB) (TVD)

3216.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8372 Outside

Press@RunDepth: 467.98 psig @ 4189.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.06

End Date: 2017.06.07

Last Calib.: 2017.06.07

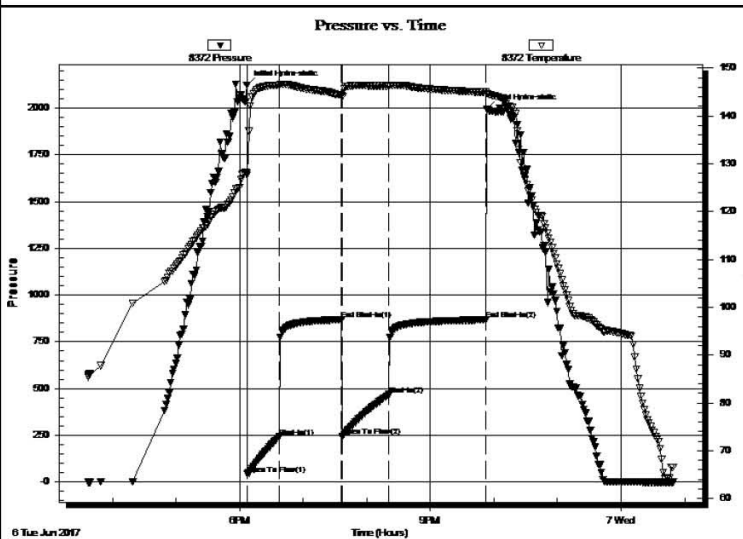
Start Time: 15:37:01

End Time: 00:49:30

Time On Btm: 2017.06.06 @ 18:06:30

Time Off Btm: 2017.06.06 @ 21:53:00

TEST COMMENT: 30-IFP- BOB in 6 1/2min.
60-ISIP- Weak Surface Blow in 20min. Dead in 28min.
45-FFP- BOB in 9min.
90-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.41	128.02	Initial Hydro-static
1	42.27	127.54	Open To Flow (1)
31	241.14	146.39	Shut-In(1)
90	868.73	144.29	End Shut-In(1)
91	245.53	144.00	Open To Flow (2)
135	467.98	146.22	Shut-In(2)
226	866.54	144.97	End Shut-In(2)
227	1994.08	144.65	Final Hydro-static

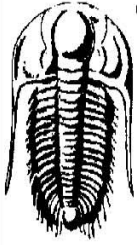
Recovery

Length (ft)	Description	Volume (bbl)
878.00	MCWV 5% m 95% w	12.32
125.00	MCWV 20% m 80% w Show of Oil	1.75
0.00	30' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64031

DST#: 3

ATTN: Bruce Ard

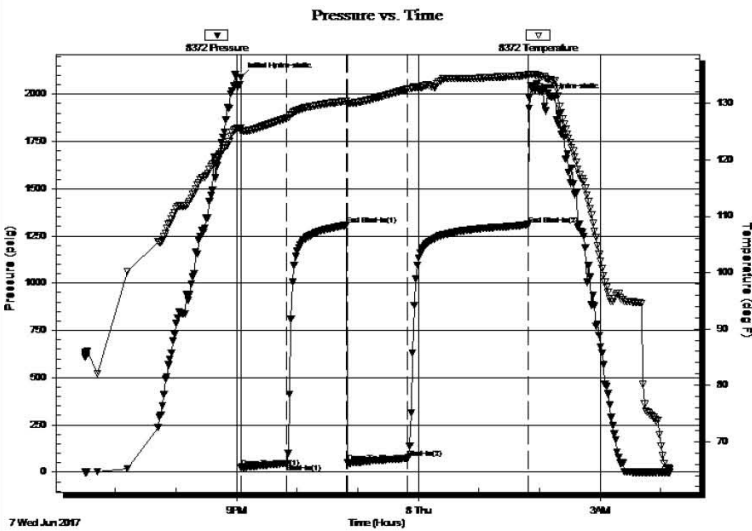
Test Start: 2017.06.07 @ 18:30:00

GENERAL INFORMATION:

Formation: **Lan " C & D "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 21:04:30 Tester: Jim Svaty
 Time Test Ended: 04:10:00 Unit No: 76
 Interval: **4212.00 ft (KB) To 4293.00 ft (KB) (TVD)** Reference Elevations: 3225.00 ft (KB)
 Total Depth: 4293.00 ft (KB) (TVD) 3216.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8372 Outside
 Press@RunDepth: 73.44 psig @ 4223.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.07 End Date: 2017.06.08 Last Calib.: 2017.06.08
 Start Time: 18:30:01 End Time: 04:09:18 Time On Btm: 2017.06.07 @ 21:04:00
 Time Off Btm: 2017.06.08 @ 01:49:30

TEST COMMENT: 45-IFP- Surface Blow Building to 3 1/4in.
 60-ISIP- No Blow
 60-FFP- Weak Surface Blow in 30min. Building to 1 1/4in.
 120-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.50	125.68	Initial Hydro-static
1	25.28	125.13	Open To Flow (1)
46	46.34	127.41	Shut-In(1)
105	1308.28	130.44	End Shut-In(1)
106	49.96	129.80	Open To Flow (2)
166	73.44	132.57	Shut-In(2)
285	1309.79	134.99	End Shut-In(2)
286	1981.77	135.22	Final Hydro-static

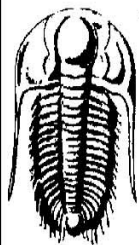
Recovery

Length (ft)	Description	Volume (bbl)
102.00	Oil Speck Mud 3%o 97%m	1.43

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper Co LLC

35 1s 35w Rawlins KS

1725 17th St Ste 410
Denver CO 80202

Skolout 1 35 1 35

Job Ticket: 64032

DST#: 4

ATTN: Bruce Ard

Test Start: 2017.06.08 @ 19:40:00

GENERAL INFORMATION:

Formation: **Lan. E & F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:03:30

Time Test Ended: 04:48:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 4290.00 ft (KB) To 4372.00 ft (KB) (TVD)

Reference Elevations: 3225.00 ft (KB)

Total Depth: 4372.00 ft (KB) (TVD)

3216.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8372 Outside

Press@RunDepth: 78.79 psig @ 4296.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.08

End Date: 2017.06.09

Last Calib.: 2017.06.09

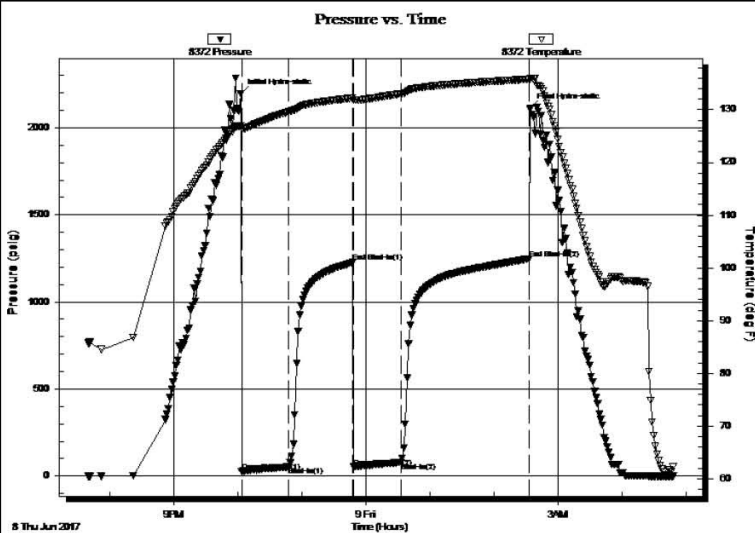
Start Time: 19:40:01

End Time: 04:48:00

Time On Btm: 2017.06.08 @ 22:02:30

Time Off Btm: 2017.06.09 @ 02:33:30

TEST COMMENT: 45-IFP- BOB in 27min.
60-ISIP- No Blow
45-FFP- BOB in 21min.
120-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.19	126.90	Initial Hydro-static
1	25.23	126.44	Open To Flow (1)
45	52.60	129.59	Shut-In(1)
105	1227.12	132.22	End Shut-In(1)
106	52.16	131.87	Open To Flow (2)
151	78.79	133.03	Shut-In(2)
270	1248.50	135.79	End Shut-In(2)
271	2110.75	135.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCO 40% m 60% o	1.68
35.00	CO 100%	0.49
0.00	90 GIP	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 810453

Invoice Date: 06/12/17 Terms: Net 30 Page 1

Cynosure Energy, LLC
 1125 17th Street, Suite 410
 Denver CO 80202
 USA
 720-476-3678



SKOLOUR 35-1-35

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0451	Cement Pump Charge 1501' - 3000'	1.000	1,900.0000	30.000	1,330.00
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	7.1500	30.000	250.25
CE0710	Cement Delivery Charge	1.000	903.0000	30.000	632.10
CC5829	Lite-Weight Blend V (60:40:4)	240.000	16.0000	30.000	2,688.00
CC6075	Celloflake	60.000	3.0000	30.000	126.00
CP8228	8 5/8" Wooden Plug	1.000	165.0000	30.000	115.50

Subtotal 7,345.50
 Discounted Amount 2,203.65
 SubTotal After Discount 5,141.85

Amount Due 7,690.76 If paid after 07/12/17

APPROVED
 By Justin Hamlin at 10:32 am, Jun 16, 2017

Tax: 241.69
 Total: 5,383.54



8517
8210

TICKET NUMBER 51825
LOCATION Oakley KS
FOREMAN Serry

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

...LD TICKET & TREATMENT REPORT
CEMENT Invoice #810453 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
6-10-17	2619	SKO/out 35-1-35	35	15	35W	Rawlins	
CUSTOMER Cynosure			Attended				
MAILING ADDRESS 1125 17th Street, Suite 410			10N				
CITY Dunlap			6W				
STATE CO			2S				
ZIP CODE 80202			2W				
			into				
TRUCK #		DRIVER		TRUCK #		DRIVER	
731		Cory D					
566		Steve O					
639							

JOB TYPE Plug HOLE SIZE 7 7/8 HOLE DEPTH 4650 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & rig up on Duke 4 plug as ordered with 240s
60/40 4% gel 1/4" #805 gal

50 SKS @ 3080'
 100 SKS @ 2380'
 50 SK @ 360'
 10 SKS @ 40'
 30 SKS Rat hole

Thank you
 Serry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900.00	1900.00
CE0002	50	MILEAGE	7.15	357.50
CE0710	10.32	for mileage delivery	1.75	903.00
CC5829	240 SKS	lite blend V	16.00	3840.00
CC6075	60 #	flg seal	3.00	180.00
CP8228	1	8 5/8 wooden plug	165.00	165.00
			Subtotal	7345.50
			-30%	2203.65
			Subtotal	5141.85
			SALES TAX	241.68
			ESTIMATED TOTAL	5383.53

AUTHORIZATION Hector Talon TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE
 P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice

Invoice#

810375

Invoice Date: 05/31/17

Terms: Net 30

Page 1

Cynosure Energy, LLC
 1125 17th Street, Suite 410
 Denver CO 80202
 USA
 720-476-3678



SKOLOUT 35-1-35

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	1,150.0000	30.000	805.00
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	7.1500	30.000	250.25
CE0710	Cement Delivery Charge	1.000	863.6300	30.000	604.54
CC5871	Surface Blend II, 2% Gel/3% CaCl	210.000	23.0000	30.000	3,381.00

Subtotal 7,201.13
 Discounted Amount 2,160.34
 SubTotal After Discount 5,040.79

Amount Due 7,599.61 If paid after 06/30/17

APPROVED
By Justin Hamlin at 6:18 pm, Jun 02, 2017

Tax: 278.94
 Total: 5,319.73



PRESSURE PUMPING

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

06-1-11
8135

TICKET NUMBER 51791
LOCATION Oakley KS
FOREMAN Jerry V

WELDED TICKET & TREATMENT REPORT
CEMENT Invoice # 810375 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-31-17	2619	Skolcat 35-1-35	35	15	350	Rawlins
CUSTOMER Cynosac			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 1125 17th Street, Suite 410			731 / Cory D			
CITY Denver			566 / WBCFD			
STATE CO			639			
ZIP CODE 80202						

JOB TYPE surface HOLE SIZE 12 1/4 HOLE DEPTH 306 CASING SIZE & WEIGHT 8 7/8 23#
 CASING DEPTH 306 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL 124 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 18661 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting - rig up on Date 4 break circulation with rig disc
mix 210 sks com 88 cc 22 gal washup - dip with 18661 fresh H₂O & start in
circulated cement to pit

cement did circulate

Thank you
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0451	1	PUMP CHARGE	1150.00	1150.00
CE 0002	50	MILEAGE	7.15	357.50
CE 0710	9.87		1.75	863.63
CCS871	210 sks	surface blend II	23.00	4830.00
			Subtotal	7201.13
			-308	2160.33
			Subtotal	5040.80
			SALES TAX	278.94
			ESTIMATED TOTAL	5319.74

AUTHORIZATION [Signature] TITLE FS DATE 5.31.17

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



As part of an initiative by our parent company, Quintana Energy Services, LP, to combine all of their service lines into and under a common banner, we are changing our name from Consolidated Oil Well Services, LLC to QES Pressure Pumping, LLC.

This is only a name change and no change in ownership or management is occurring as a part of this transition.

Other than the name change, all remittance addresses, contact names, personnel, phone numbers, email addresses and service locations remain the same.

We greatly appreciate the relationships that we have built with our customers over these many years. We fully intend to continue to honor those relationships and to provide our customers with the same great service, provided by the same great people, as in the past.

If you have any questions regarding this name change, please contact any of our personnel that you have dealt with in the past, or feel free to contact me via phone at 620-431-9210 or by email at steve.stanfield@qeslp.com

Thank you in advance for working with us during this name change transition.

Sincerely,

Steve Stanfield
President
Consolidated Oil Well Services, LLC
QES Pressure Pumping, LLC
1322 S. Grant
Chanute, Kansas 66720